

ISDB-T DTV Receiver

(High speed mobile ability)

(Brazil)

Model - 169B . . . (AV out * 1 set)

- 269B . . . (AV out * 2 set)



USER MANUAL

1. Introduction

This ISDB-T 1-SEG DTV Receiver is a Free-To-Air digital terrestrial receiver, allowing you to access free-to-air digital terrestrial TV channels on your LCD display

Its digital reception covers UHF band. Digital TV programs eliminate the noise and interference but offer high quality video and audio.

2. Features

1. PDA size do not occupy any space . Apply to the ISDB-T 1-SEG digital TV standard.
2. Easy to operate without the need for additional drivers and software settings.
3. Have the high-speed mobile ability to receive digital terrestrial by air , immediately enjoy high quality images several TV programs.
4. High quality dedicated circuits and high-performance media processor.
5. Exclusive vehicle design recipient of the super mini antenna
6. Support Automatic channel search and remote control
7. It can be linked to the Cars TV , portable DVD or PND easily escalate into digital TV immediately enjoy digital video from high-quality programs.
8. With 2 AV output , so It can to link two external monitor (Option)
9. Multiple-language OSD support Portuguese , English , Japanese

3. Specification

Tuner Spec.	Antenna Input	75Ω
	Freq. Range	470 ~770 MHz (for Japan) 470 ~860 MHz (for Brazil)
	Tuning Method	Integrated frequency sync.
	Demodulation	ISDB-T ARIB STD-B31 OFDM 1-SEG
	Sensitivity	Type -95dBm (QPSK, C/R 1/2)
Video Spec.	Spec.	MPEG4 AVC Decode <H.264 Baseline Profile <Level 1.2>>
	Video Output	CVBS output
Audio Spec.	Spec.	MPEG4 HE ACC
	Sampling Rate	Automatically detected sampling rate up to 192 KHz
	Audio Output	Stereo L/R 1Vrms
Power Supply Volt.	DC 5V (Corresponds to car battery)	
Power Consumption	~ 3W (peak)	
Dimensions	110 x 69 x 21 mm	
Operation Temp.	-10 ~ 60°C	
Storage environment	-20 ~ 80°C	

4. Installation



5. Package Contents

Before installation, please check the items of the package. The package should contain the following items:

Model : M169B

- * ISDB-T 1SEG DTV Receiver * 1
- * AV cable * 1
- * Antenna * 1
- * IR Cable * 1
- * Car Charger cable * 1 (DC 5V input)
- * Remote control * 1
- * User Manual * 1

Attention : Photo above list is for reference only, the actual appearance of a product as the norm

6. Remote control



7. Remote control Function key description

	Function	Description
1	POWER	Power switch ON / OFF.
2	CH +	Goes to next channel.
3	CH -	Goes to previous channel.
4	OK	To decide the choice.
5	VOL+	Increases volume.
6	VOL-	Decreases volume.
7	Number	To enter channel number or value in on-screen menu.
8	Menu	Displays on-screen menu.
9	Audio	Main/ Sub/ Main .Sub/ Mute.
10	Scan	To scan all of the TV programs.
11	Return	Returns to previous screen.
12	Display	To show the present state.
13	EPG	To get the information about the TV programs.
14	Zoom	To scale the screen.
15	Subtitle	Displays subtitle selection menu.

Basic Operations

1. OSD Language - Support Portuguese , English and Japanese

Press [Menu] Key -> [] Key -> [] Key into LANGUAGE setting.
Then, you can choose the [OK] to setting language as required .
(For example : choose English)

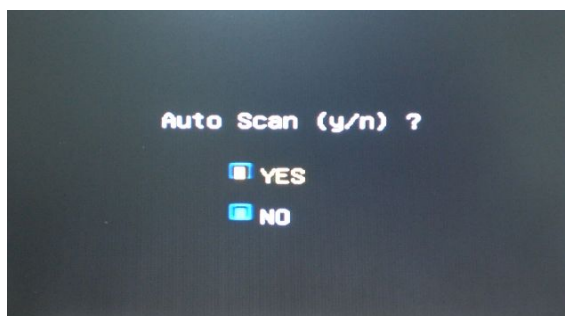


2. First Time Installation

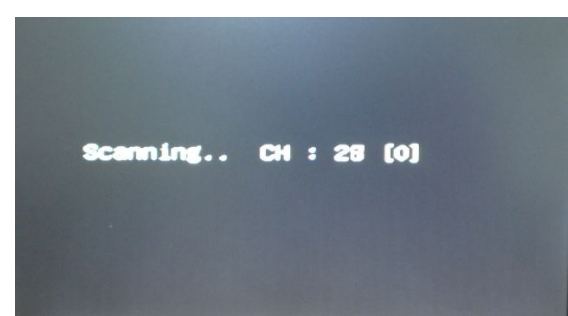
Press [Menu] Key -> [] Key -> [] Key into AUTO SCAN setting.
Then, you can choose (yes) and press [OK] to start auto scan .
and wait to complete the scanning.



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3. VIDEO SET - Pressing the key [Menu] , it show the below picture

Into the VIDEO SET and press  Key to select one Details options - SIZE , INTERFACE , CAPTION , EPG



SIZE - STANDARD / FULL / ZOOM

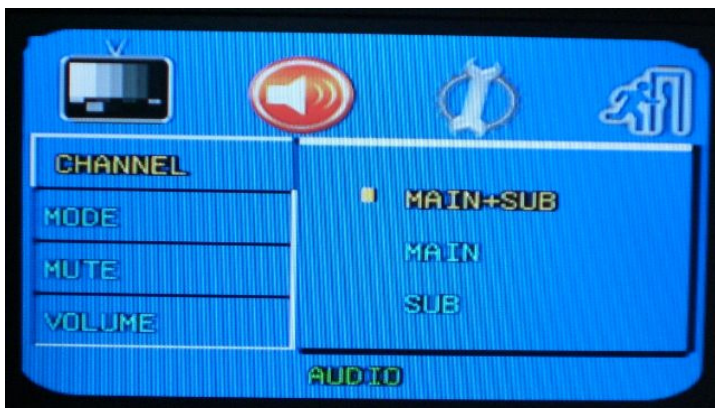
INTERFACE - LCD / TV

CAPTION - ON / OFF

EPG - ON / OFF

4. AUDIO SET - Pressing the [Menu] Key and Key

Into the AUDIO SET and press  Key to select one Details options - CHANNEL , MODE , MUTE , VOLUME



CHANNEL - MAIN+SUB / MAIN / SUB

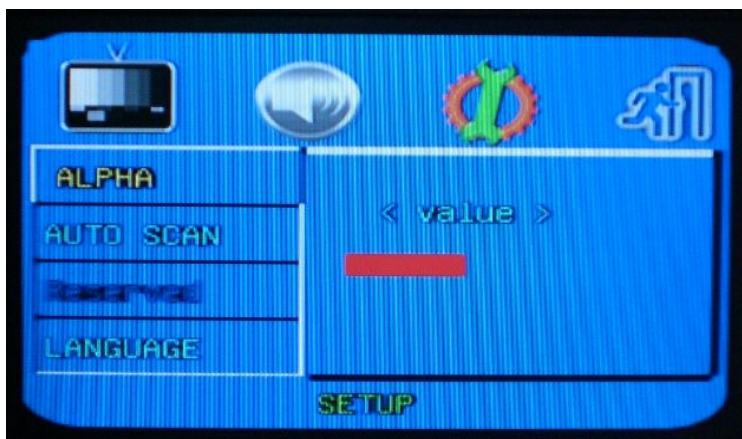
MODE - STEREO / MONO

MUTE - ON / OFF

VOLUME - Display green color bar to show volume value .

5. SETUP - Pressing the [Menu] Key and  Key

Into the SETUP and press  Key to select one
Details options - ALPHA , AUTO SCAN , LANGUAGE



ALPHA - Display red color bar to show value .
AUTO SCAN - Program Automatic Search
LANGUAGE – support Portuguese , English and Japanese

6. Volume - After pressing the key  , you can make the volume to increase.

